

10 / 009980

SEQUENCE LISTING

<110> CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS
<120> MOLECULAR METHODS FOR DETECTING GUAR GUM ADDITIONS
TO LOCUST BEAN GUM
<130> PATENT APPLICATION PCT/ES01/00079
<140> PCT/ES01/00079
<141> 2001-03-02
<150> ES200000560
<151> 2000-03-08
<160> 10
<170> PatentIn Ver. 2.1
<210> 1
<211> 22
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of the Artificial Sequence:oligo ITS5
<400> 1
ggaagtaaaa gtcgtAACAA gg 22

<210> 2
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of the Artificial Sequence:oligo ITS3
<400> 2
gcATCGATGA AGAACGcAGC 20

<210> 3
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of the Artificial Sequence:oligo ITS4
<400> 3
tcctccgctt attgatatgc 20

```

<210> 4
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of the Artificial Sequence:oligo PG21

<400> 4
gctgcgttct tcatcgatgc                                         20

<210> 5
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of the Artificial Sequence:oligo ITS2

<400> 5
tccaaaacaa gatggagtcg                                         20

<210> 6
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of the Artificial Sequence:oligo PG22

<400> 6
tgcctggcg tcgcgcgtc                                         19

<210> 7
<211> 345
<212> DNA
<213> Cyamopsis tetragonoloba

<220>
<221> primer_bind
<222> Complement((2)..(23))

<220>
<221> SITE
<222> (228)
<223> n=a, c, g or t

<220>
<221> SITE
<222> (273)
<223> n=a, c, g or t

<220>
<221> primer_bind
<222> (325)..(344)

```

```

<400> 7
tggaggaga agtcgtaca aggtttccgt aggtgaacct gcgaaaggat cattgtcgat 60
gcctcacaag cagtccgacc cgtgaacttg tttgcttat ttagggttgg tttggggcgt 120
gtcaaaaacac gccgacctc ctttggttgg gagttgtctg ccttgcgtgg ctttcttta 180
gccttaaca aacccacccg cgctacacgc gccaaggaaa cttactntt ctgtgcgccc 240
ttgccagccc gttaacggtg ctgtgttaggt tgngtttaga tacatgaatc aaaatgactc 300
tcggcaacgg atatctcgcc tctcgcatcg atgaagaacg cagca 345

<210> 8
<211> 343
<212> DNA
<213> Ceratonia siliqua

<220>
<221> primer_bind
<222> (2)..(23)

<220>
<221> primer_bind
<222> Complement((323)..(342))

<400> 8
tggaggaga agtcgtaca aggtttccgt aggtgaacct gtggaaaggat cattgtcgat 60
gcctcacaac acgaacgacc tgcgaattgg taaaactatc gggggcgggg ggcgtgcgtc 120
ctcccaagcc tccatgtcg gaggcgccctg tggccccccg ccactcggtgc tacctcgacc 180
aaaaaaactaa ccctggcgtt taacgcgcac aggaactaca accagtgagc gtgctccgaa 240
tgacctggta acggcgatcg atcgatgagc gtcgtgacat tcttatccaa aatgactctc 300
gttaacggat atctcgcc tcgcacatcgat gaagaacgca gca 343

<210> 9
<211> 405
<212> DNA
<213> Cyamopsis tetragonoloba

<220>
<221> primer_bind
<222> Complement((2)..(21))

<220>
<221> primer_bind
<222> (385)..(404)

<400> 9
tgcatcgatg aagaacgcag cgaaatgcga tacttggtgt gaattgcaga atcccgca 60
ccttcgagtc tttgaacgca agttgcgccc gaagccatta gggcgagggc acgcctgcct 120
ggcgctcgcg cgtcggttgc ctaactcgga cgtctcattt ggtgtcggtt agtggcgaat 180
gttggcttcc cacgagcgtt gcctcatggt tggttgaaat tcgagtcgcgt ggtggaggat 240
gccacgattt atatgggtgt tgagtaatta gctcgagacc catcggtgagc gactccatct 300
tgttttggac tctttgaccc acatgagcat ctccgatgct cgttacgaga cctcagggtca 360
gacggggta cccgctgagt ttaagcatat caataaggcg aggaa 405

<210> 10
<211> 410
<212> DNA
<213> Ceratonia siliqua

```

```
<220>
<221> primer_bind
<222> (2)..(23)

<220>
<221> primer_bind
<222> Complement((385)..(404))

<400> 10
tgcatcgatg aagaacgcag cgaaatgcaa tacttggtgt gaattgcaga atcttgtgaa 60
ccatcaagtc tttgaacaca agttgtgccc gaagccatca agccgaaggc acgtctgcct 120
gggtgtcaca cactgtcgcc cccacccgt ggcctctcgc gtggcttcga ggaatggca 180
gattatggcc ttccgtgagc ttgccttat ggatggcca aaagagagtt cgcggtggcg 240
actgccacga cgcacggtgg atgagcaaag actcaagacc agtcgtgcaa gtgtcataacc 300
cgggattgcg ctccggagacc cttcagcatc gcgaggtgca tatgcctcga acgggaccct 360
aagtcaaggcg gggctactcg ctgagttaa gcatatatcaat aagcggagga 410
```